

Office Chair Impact Tester

This machine consists of a transmission system, pneumatic system, and control mechanism. Its design is both attractive and functional.



Product Overview

Professional Durability Testing

The Office Chair Impact Tester is a specialized machine designed to evaluate the structural integrity and durability of office chair seat surfaces. It simulates real-world usage by subjecting chairs to repeated impact loads at controlled speeds and weights. This testing process allows manufacturers to identify potential weaknesses, such as deformation or loose components, ensuring that products meet rigorous quality and safety standards.

Technical Capabilities

Testing Objectives

- Evaluate seat surface structural integrity
- Assess deformation under repeated load
- Identify loose components
- Verify damage resistance
- Ensure regulatory compliance

Compatible Chair Types

Executive Chairs, Task Chairs, Guest Chairs

Machine Features

Key Features

- Robust frame construction
- Programmable control system
- Adjustable impact parameters
- Customizable testing protocols

Primary Applications

Product Development • Quality Control • Certification